



Your source for high quality, affordable lasers

DATA SHEET


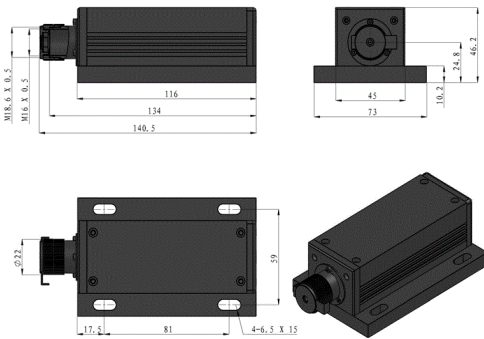

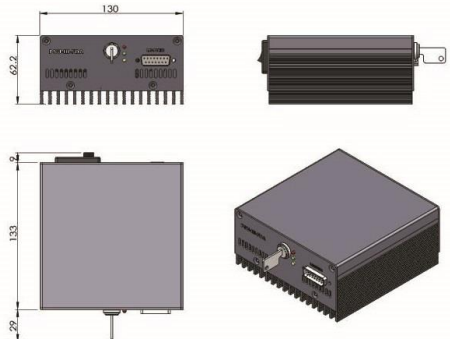
LOW NOISE RED LASER AT 640nm

Low noise red diode laser at 640nm is made features of round spot, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, etc.



Model: **MLL-III-640/1~200mW**

Wavelength (nm)	640 ±5nm
Output Power (mW)	>1, 10, 30, ..., 200
Transverse Mode	Near TEM ₀₀
Operating Mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Noise of amplitude (rms, 1~20MHz)	<1%
Warm-up time (minutes)	<5
Coherence length (cm)	20
Beam divergence, full angle (mrad)	<1.0
Dimensions of beam at aperture (mm)	~3.0
Beam height from base plate (mm)	24.8
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-III-FDA
Expected lifetime (hours)	10,000
Warranty period	1 year

MxL-III-640	Dimensions	PSU-III-FDA	Dimensions
 <p>140.8(L) ×73(W) ×46.2(H) mm³, 0.6kg</p>		 <p>171(L) ×130(W) ×62.2(H) mm³, 1.2kg</p>	

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